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## In the Claims

1. (Currently Amended) A compound of the structural formula:

$$R_4$$
  $OR_5$   $R_4$   $OR_5$   $R_4$   $OR_5$   $R_4$   $OR_5$   $OR_5$ 

wherein

 $R_1$  is O, (H,H), (H,OR), NOR, with R being hydrogen, (C<sub>1-6</sub>)alkyl, or (C<sub>1-6</sub>)acyl;

 $R_2$  is  $(C_{2-3})$  alkyl, isopropyl,  $(C_{2-3})$  1-alkenyl, isopropenyl, 1,2-propadienyl, or  $(C_{2-3})$  1-alkynyl, each optionally substituted by halogen; or  $R_2$  is cyclopropyl, or cyclopropenyl, each optionally substituted by  $(C_{1-2})$  alkyl or halogen;

 $R_3$  is hydrogen,  $(C_{1-2})$  alkyl, or ethenyl;

 $R_4$  is  $(C_{1-2})$  alkyl;

R<sub>5</sub> is hydrogen, or (C<sub>1-15</sub>)acyl; and

the dotted lines indicate optional bonds;

with the provise that the compound is not  $(7\alpha, 17\beta)$  7 ethyl 17-hydroxyestr 4 en 3 one  $(7\alpha$  ethyl 19 nortestosterone) or a carboxylic ester thereof, and is not  $(7\alpha, 17\beta)$  17 (acetyloxy) 7-propylestr 4 en 3 one  $(7\alpha$  propyl 19 nortestosterone acetate).

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- 2. (Canceled)
- 3. (Currently Amended) The compound according to claim 1, wherein  $R_2$  is selected from the group consisting of ethyl, ethenyl, ethynyl, propyl, 1-propenyl, 1-propynyl, 1,2-propadienyl, and cyclopropyl.
- 4. (Previously Presented) The compound according to claim 1, wherein  $R_1$  is oxo,  $R_3$  is hydrogen, and the dotted lines indicate a  $\Delta^4$  double bond.
- 5. (Currently Amended) The compound according to claim 1, wherein  $R^2$  is ethyl or ethenyl.
- 6. (Currently Amended) The compound according to claim 1, selected from the group consisting of  $\frac{7\alpha,17\beta}{7,13}$  Diethyl-17-hydroxygon-4-en-3-one. (7 $\alpha$ ,17 $\beta$ )-7-Ethenyl-13-ethyl-17-hydroxygon-4-en-3-one.
- 7. (Canceled)
- 8. (Currently Amended) A pharmaceutical composition, comprising:

a pharmaceutically acceptable carrier and

a steroid compound, as a medicinally active agent, satisfying formula I

$$R_3$$
 $H$ 
 $H$ 
 $H$ 
 $H$ 
 $R_2$ 
 $R_3$ 
 $R_4$ 
 $R_5$ 
 $R_5$ 
 $R_1$ 
 $R_2$ 

wherein

 $R_1$  is O, (H,H), (H,OR), NOR, with R being hydrogen,  $(C_{1-6}) \, alkyl, \, \, or \, \, (C_{1-6}) \, acyl;$ 

 $R_2$  is  $(C_{2-3})$  alkyl, isopropyl,  $(C_{2-3})$  1-alkenyl, isopropenyl, 1,2-propadienyl, or  $(C_{2-3})$  1-alkynyl, each optionally substituted by halogen; or  $R_2$  is cyclopropyl, or cyclopropenyl, each optionally substituted by  $(C_{1-2})$  alkyl or halogen;

 $R_3$  is hydrogen,  $(C_{1-2})$  alkyl, or ethenyl;

 $R_4$  is  $(C_{1-2})$  alkyl;

 $R_5$  is hydrogen, or  $(C_{1-15})$  acyl; and

the dotted lines indicate optional bonds.

9. (Currently Amended) The pharmaceutical composition according to claim 8, wherein  $\mbox{R}^2$  is selected from the group consisting of

ethyl, ethenyl, ethynyl, propyl, 1-propenyl, 1-propynyl, 1,2-propadienyl, and cyclopropyl.

- 10. (Currently Amended) The pharmaceutical composition according to claim 9, wherein the steroid compound is selected from the group consisting of  $\frac{(7\alpha,17\beta)}{7}$  ethyl 17 hydroxyestr 4 en 3 one,  $\frac{(7\alpha,17\beta)}{7}$  7,13 diethyl 17 hydroxygon 4 en 3 one, and  $\frac{(7\alpha,17\beta)}{7}$  ethenyl-13-ethyl-17-hydroxygon-4-en-3-one.
- 11. (Previously Presented) The pharmaceutical composition according to claim 8 suitable for oral administration.
- 12. (Canceled)
- 13. (Withdrawn) A kit for male contraception comprising a progestagen and an androgen, wherein the androgen is a compound according to claim 1.
- 14. (Currently Amended) A method of treatment of androgen insufficiency, comprising:

administering to a patient in need thereof an effective amount of an androgen, wherein the androgen is a steroid compound satisfying formula I

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$$R_3$$
 $H$ 
 $H$ 
 $H$ 
 $H$ 
 $H$ 
 $R_2$ 
 $R_3$ 
 $R_4$ 
 $R_5$ 
 $R_5$ 
 $R_1$ 
 $R_2$ 

wherein

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 $R_1$  is O, (H,H), (H,OR), NOR, with R being hydrogen,  $(C_{1-6}) \, alkyl, \, \, or \, \, (C_{1-6}) \, acyl;$ 

 $R_2$  is  $(C_{2-3})$  alkyl, isopropyl,  $(C_{2-3})$  1-alkenyl, isopropenyl, 1,2-propadienyl, or  $(C_{2-3})$  1-alkynyl, each optionally substituted by halogen; or  $R_2$  is cyclopropyl, or cyclopropenyl, each optionally substituted by  $(C_{1-2})$  alkyl or halogen;

 $R_3$  is hydrogen,  $(C_{1-2})$  alkyl, or ethenyl;

 $R_4$  is  $(C_{1-2})$  alkyl;

 $R_{5}$  is hydrogen, or  $(C_{1\text{--}15})\,acyl\,;$  and the dotted lines indicate optional bonds.

15. (Currently Amended) The method of treatment according to claim 14, wherein  $R_2$  is selected from the group consisting of ethyl, ethenyl, ethynyl, propyl, 1-propenyl, 1-propynyl, 1,2-propadienyl, and cyclopropyl.

16. (Currently Amended) The method of treatment according to claim 15, wherein the steroid compound is selected from the

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group consisting of  $(7\alpha,17\beta)$  7 ethyl 17 hydroxyestr 4 en 3 one,  $(7\alpha, 17\beta)$  7,13 diethyl 17 hydroxygon 4 en 3 one, and  $(7\alpha, 17\beta)$  -7ethenyl-13-ethyl-17-hydroxygon-4-en-3-one.

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